

Notice of Allowability

Application N .

09/931,203

Examiner

Cao (Kevin) Nguyen

Applicant(s)

LAMBRECHT ET AL.

Art Unit

2173

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 08/16/01.
2. ☒ The allowed claim(s) is/are 1,3-5,8-11,13-16,18-21 and 23-25.
3. ☒ The drawings filed on 08/16/01 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
 - * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

Cao (Kevin) Nguyen
Primary Examiner
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EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with John Rooney on 12/02/04.

2. The application has been amended as follows:

Claims 2, 6-7, 12, 17 and 22 have been cancelled.

(Currently Amended) Claim 1. In a data processing system having a user terminal for accessing a legacy data base management system responsively coupled to said user terminal via a publically accessible digital data communication network, the improvement comprising:

- a. a service request prepared by said user terminal having an ordered set of input parameters; and
- b. a parsing module coupled intermediate said user terminal and said data base management system which parses said service request for removal of said ordered set of input parameters and which assembles said ordered set of input parameters into an ordered string of input parameter characters; wherein said ordered string of input parameter characters further comprises a tag name and a tag value.

Claim 2 is cancelled

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(Currently Amended) Claim 3 The improvement according to claim 1 wherein said ordered string of input parameter characters further comprises at least one predefined character to begin said input string of input parameter characters.

Claims 6 and 7 are cancelled

(Currently Amended) Claim 8 An apparatus comprising: a user terminal;
a data base management system responsively coupled to publically accessible digital data
said user terminal via a communication network;
a. a service request generated by said user terminal and transferred to said data base
management system;
d. an ordered set of input parameters generated by said user terminal which qualifies
said service request to said data base management system; and
e. a parsing module responsively coupled to said user terminal and said data base
management system which creates an ordered string of input parameter characters from
said ordered set of input parameters; wherein said publically accessible digital data
communication network further comprises the Internet; wherein said ordered set of
input parameter characters further comprises a tag name and a tag value.

(Currently Amended) Claim 11 A method of providing an ordered set of input
parameters, generated by a user terminal, to a remote data base management system
having a data base coupled via a publically accessible digital data network to said user
terminal comprising:

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- a. transferring a set of input parameters from said user terminal to said remote data base management system with a service request;
- b. parsing said service request to remove said set of input parameters;
- c. arranging said set of input parameters into an ordered string of input parameter characters; and
- d. presenting said ordered string of input parameter characters as said ordered set of input parameters; **wherein said arranging step further comprises dividing said ordered set of input parameters into a tag name and a tag value.**

Claim 12 is cancelled

(Amended) Claim 13 A method according to **claim 11** wherein said publically accessible digital data communication network further comprises the world wide web.

(Currently Amended) Claim 16. An apparatus comprising:

- a. permitting means for permitting a user to access a publically accessible digital data communication network;
- b. providing means responsively coupled to said permitting means via said publically accessible digital data communication network for providing data base management

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services;

- c. generating means responsively coupled to said permitting means for generating a service request having an ordered set input parameters; and
- d. parsing means responsively coupled to said providing means for parsing said service request and assembling an ordered set of input parameter characters from said ordered set of input parameters; **wherein said ordered set of input parameter characters further comprises a character string having at least one predefined beginning character.**

Claim 17 is cancelled

(Currently Amended) Claim 18 An apparatus according to **claim 16** wherein said publically accessible digital data communication network further comprises the Internet.

(Currently Amended) Claim 21 An apparatus for communicating from a user terminal to a legacy data base management system via a publicly accessible digital data communication network comprising:

- a. a service request generated by said user terminal;
- b. an ordered set of input parameters terminal and associated with said service generated by said user request;
- c. a parsing facility located within said legacy data base management system which receives said ordered set of input parameters and converts it into an ordered string of

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input parameter characters for said legacy data base management system; **wherein each of said ordered string of input parameter characters further comprises a tag name and a tag value.**

Claim 22 is cancelled

(Currently Amended) **Claim 23** An apparatus according to **claim 21** wherein said publicly accessible digital data communication network further comprises the Internet.

Allowable Subject Matter

3. Claims 1, 3-5, 8-10, 11, 13-15, 16 and 18-20 are allowed over the prior art of record.

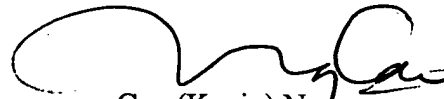
Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Cao (Kevin) Nguyen whose telephone number is (571)272-4053. The examiner can normally be reached on 8:30AM-5:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Cabeca can be reached on (571)272-4048. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Cao (Kevin) Nguyen
Primary Examiner
Art Unit 2173

12/03/04